SADT - 100EC

# Ceiling Mount Adaptor

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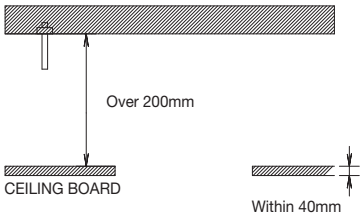
# Overview

The ceiling mount adaptor (SADT-100EC) is used for the smart dome camera to be installed in a double ceiling of the concealed type.



## Notice

- Select an installation spot which can endure more than 4 times of the product weight.
- Install the device in the spot where more than 200mm in space is provided above the ceiling board.
- It can be installed only when the ceiling board is less than 40mm thick.
- Make sure to use a safety wire that can prevent falling.
- When you install the camera on the adaptor, be sure to use the fixing screw which is provided with the adaptor.

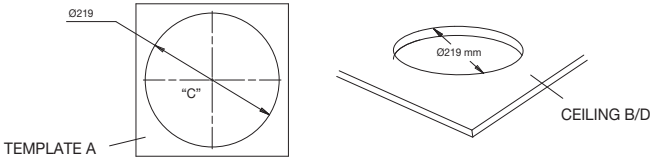



## Installation

**1.** Use template A to drill a hole in the ceiling.

❶ Remove the circular shape (“C”) from the center of template A.

❷ Place template A on the ceiling board where to install the ceiling mount adaptor and drill a Ø219mm hole on it.
The shape of the hole is as follows.



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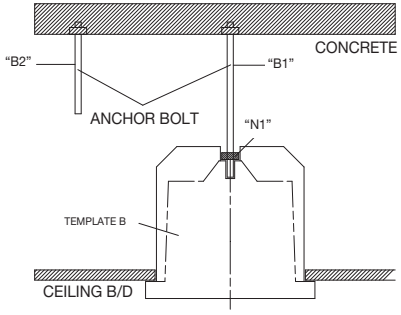
**2.** Install two anchor bolts (B1,B2) on the concrete ceiling.

❶ Insert the anchor bolt (B1) into the Ø219 hole.

- Determine the length of the anchor bolt (B1) using the template B (accessory).
- Apply a nut (N1) to the anchor bolt(B1) using template B (accessory) and determine the location.

❷ Tighten another anchor bolt (B2) as shown on the following drawing.




**3.** Install the safety wire to the anchor bolt (B2) in the following sequence.

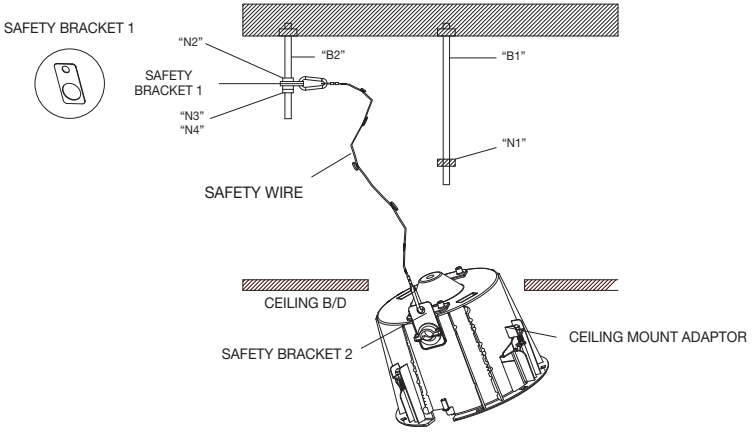
❶ Apply a nut (N2) to the anchor bolt (B2).

❷ Insert the safety bracket 1(supported) into the anchor bolt(B2).

❸ Apply two nuts (N3,N4) to the anchor bolt (B2).

❹ Hook and insert a safety wire into the safety bracket1.

❺ Put up and fit the opposite end of the safety wire onto the safety bracket 2 for the ceiling mount adaptor.



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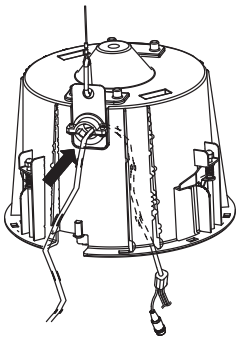
**4.** Insert necessary wiring including the external power cable, video out cable and alarm I/O cable into the side hole of the adaptor.

See the installation guide for the applicable camera, and arrange necessary cables for the installation in advance.

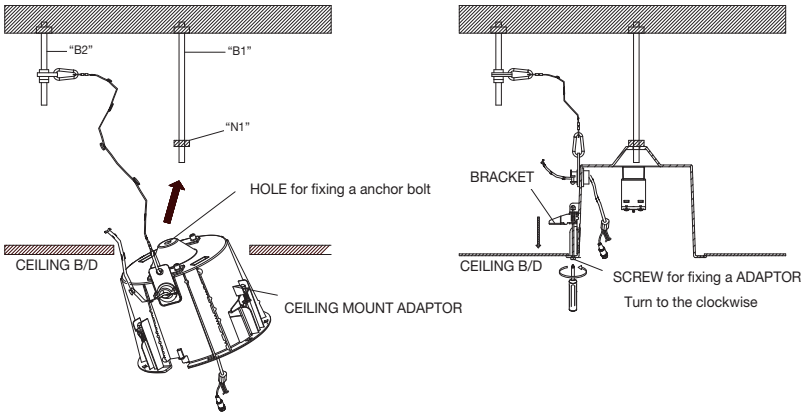


**5.** Screw the anchor bolt (B1) into the ceiling mount adaptor.

❶ Insert the adaptor through the hole inside the ceiling.

❷ Then push the anchor bolt fixing hole into the ceiling so that it fits the anchor bolt (B1).

❸ Turn the three screws on the ceiling mount adaptor clockwise to secure the adaptor to the ceiling board. (The bracket is moved from A to B.)



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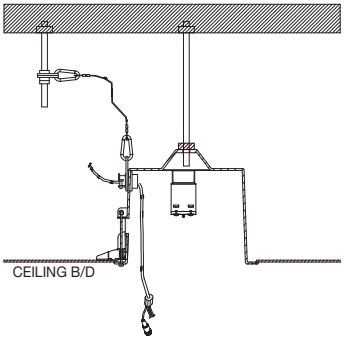
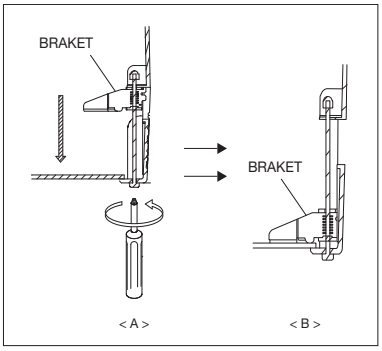
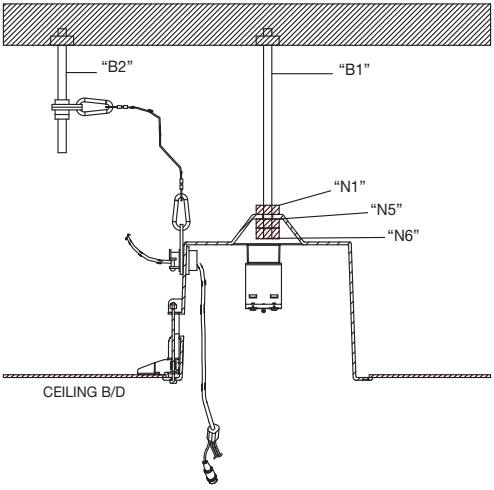



**6.** Insert and firmly secure the anchor bolt (B1) into the two nuts (N5, N6).



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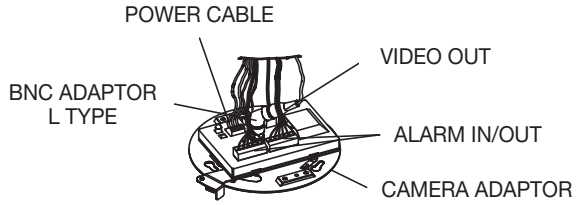
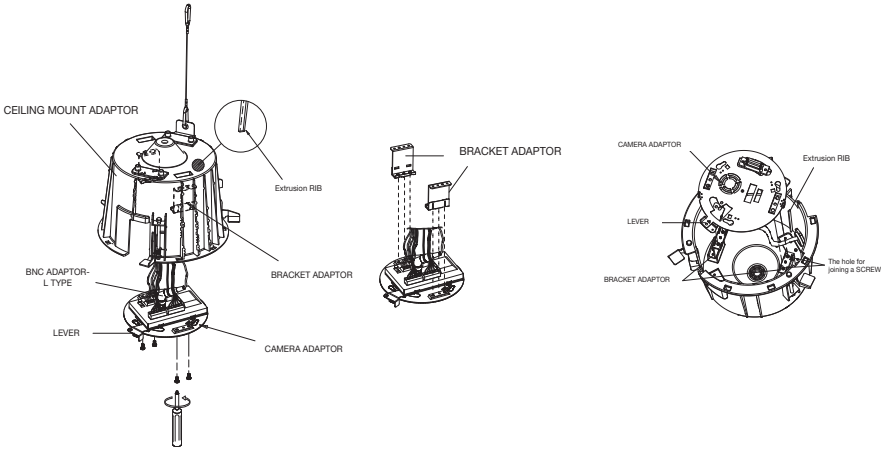
**7.** Prepare the camera adapter of the CAMERA to install.
Connect the power cable, video out cable and alarm I/O cable to the camera adaptor.
When connect the video output cable, use the L type BNC adapter(suported).

For more information, see the installation guide for the SmartDome camera.




**8.** Arrange the cables, and then fix the camera adapter into the screw fixing hole of bracket adapter attached to ceiling mount adapter by using 4 screws (M3×L6, included in camera product).

Fasten the camera adaptor so that the lever of the camera faces the opposite side of the internal projections of the adaptor.



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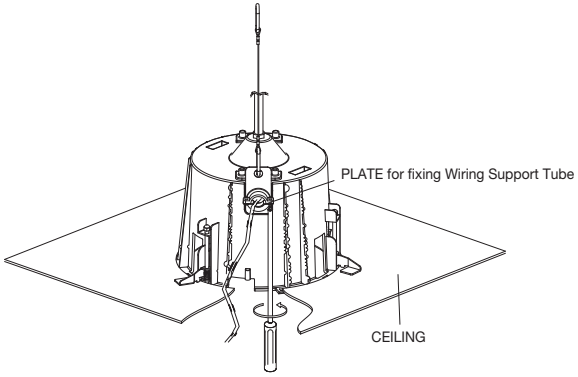
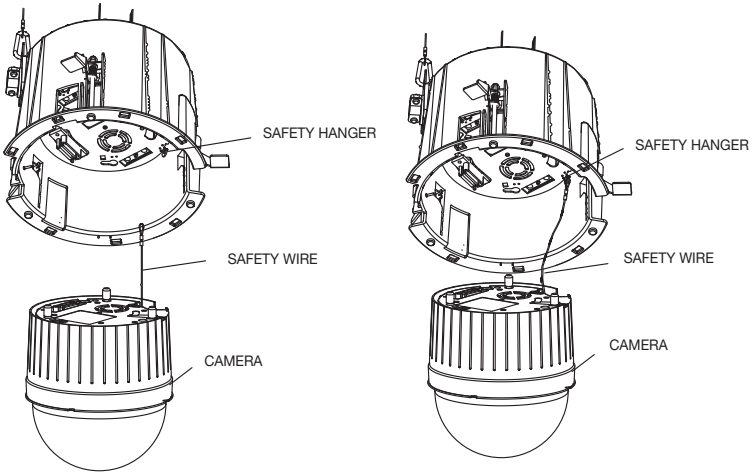
**9.** Use the screws on the Wiring Support Tube plate to fix it.




**10.** Put up the safety wire, attached to the camera, on the safety hook.

**CAUTION** Durin g installation or detachment, to avoid safety accident and camera damage due to the fall, make sure the safety wire is secured to the hook.



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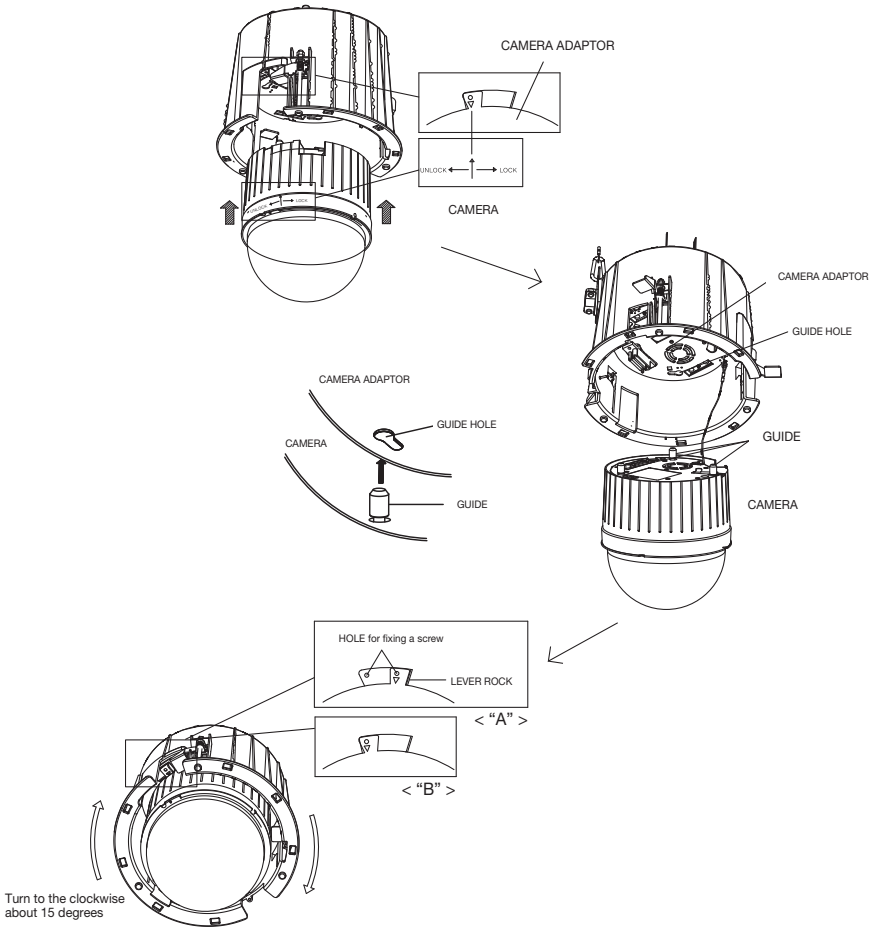
**11.** To avoid accidental fall and consequent physical injury or damage to the camera during installation or detachment, make sure the safety wire is secured to the hook., then insert the 3 guides of camera to the guide hole of camera adapter. After that turn the camera about 15 degrees clockwise.

At this time, check the coupling sound and the coupling hole of LEVER LOCK is moved alright.



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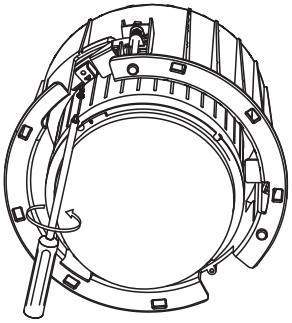
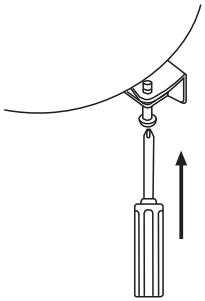
**12.** Insert the provided screw (M3×L6, included in camera product) into the fixing hole of the lever lock and fix it.

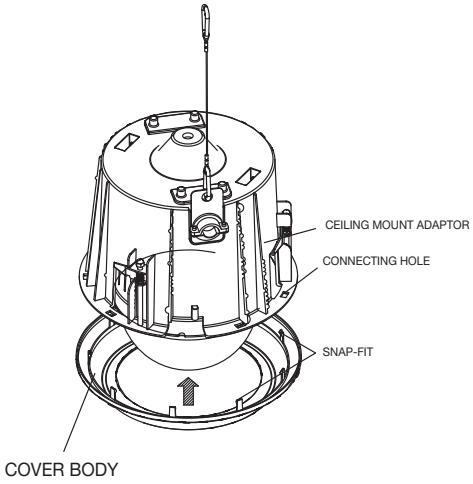
Once you removed the camera from the camera adaptor, loosen the screw (BH M3xL6). With the lever lock turned clockwise, turn the camera counter clockwise and then pull it down.





**13.** Insert the cover body into the dome of the camera.

Make sure that the 9 snap pits fit into the corresponding holes of the ceiling mount.



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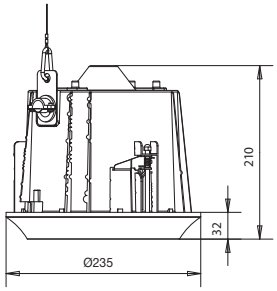
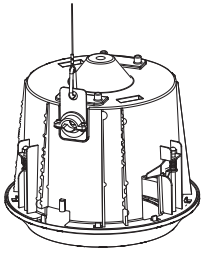
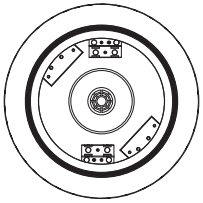
## Product Specification

Size: Ø235 X H210
Weight: 765g
Operation Temperature: -10℃ ~ 50℃





## Accessories

Safety wire ····· **1**
Safety bracket ····· **1**
Template A ····· **1**
Template B ····· **1**
MANUAL ····· **1**
BNC ADAPTOR-L TYPE ····· **1**



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## Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.